

## CAREER OBJECTIVE

Detail-oriented software engineering candidate seeking internship and full-time roles, with a strong ability to rapidly learn new technologies, work independently, and deliver high-quality solutions efficiently by breaking complex problems into clear, actionable steps.

## EDUCATION

### B.E in Computer Science and Engineering

Sep '23 - Present

B. M. S. College of Engineering (CGPA: 9.15/10.00)

Bengaluru, India

Relevant Courses: Data structures, Algorithms, Theory of Computation, Computer Networks, Databases,

Computer Architecture, Operating Systems, Cloud Computing

### V. V. S. Sardar Patel Pre-University College

Jun '21 - May '23

Overall Percentage: 94.3%

Bengaluru, India

## SKILLS AND INTERESTS

**Soft Skills:** Critical thinking, Team-player, Communication, Project Management, Mentorship

**Languages:** **Adept:** C, Python      **Familiar:** Rust, C++, Java, Bash, Lua, Dart      **Beginner:** Verilog

**Tools and Frameworks:**

**C/C++:** gcc, clang, clangd, CMake, gdb

**Rust:** tokio, Cargo, async

**Other:** L<sup>A</sup>T<sub>E</sub>X, Flutter, Android Studio, Cisco Packet simulator, VSCode, nvim

## PROJECTS

### Netbackup

Jan '26

**Course:** Computer Networks, **Stack:** tokio, async Rust

**Github:** [netbackup](#)

- Developed a private network storage server focused on secure, efficient, and reliable data storage and retrieval
- Built a custom network stack with tailored protocols for file transfer, authentication and error handling
- Implemented asynchronous connection handling to support multiple concurrent clients, enabling scalability within private network

### Heart Disease Detector

Dec '25

**Course:** Machine Learning, **Stack:** Python, HTML

**Github:** [heart-dd](#)

- Developed a system to predict the likelihood of heart disease using advanced machine learning algorithms
- Comprised of 8768 patient records from Kaggle, with an accuracy of 92.4%
- Offers interactive features for easy health risk assessment

### Finance Management System

Jun '25

**Course:** Mobile Application Development, **Stack:** Flutter SDK, Android Studio

**Github:** [fms](#)

- Developed "SpendWell", a mobile application that allows users to track and manage finances
- Implements Google Firebase with enhanced security measures to ensure a secure backend for the application.
- The project used a modular architecture that simplifies feature scalability and long-term maintenance

## EXTRA-CURRICULAR ACTIVITIES

- Involved in Event and Discipline Management at school
- Represented as a team member for the Football team in BMS College of Engineering
- Representative head of Design Department of my college club; <CodeIO/>

## ACHIEVEMENTS

- Have won various medals in Science Olympiads
- Secured 97.33 percentile in JEE Mains, a national-level competition in 2023
- Secured a 642 rank on the KCET exam, a state level amongst 244345 candidates